

Result No.	Query			Length	DB	ID	Description
	Score	Match					
C 1	80.4	6.1	961	6	US-10-144-771-31796	Sequence 31796, A	
C 2	75.2	5.7	897	6	US-10-144-771-39592	Sequence 39592, A	
C 3	72.2	5.4	1635	5	US-10-203-138A-8641	Sequence 8641, Ap	
C 4	72.2	5.4	1973	6	US-10-203-138A-3500	Sequence 3500, Ap	
C 5	63	4.8	1188	6	US-10-144-771-4034	Sequence 4034, Ap	
C 6	61.6	4.6	1954	6	US-10-144-771-4707	Sequence 4707, Ap	
C 7	59.6	4.5	439	6	US-10-203-138A-8573	Sequence 8573, Ap	
C 8	58	4.4	1075	6	US-10-203-138A-7632	Sequence 7632, Ap	
C 9	58	4.4	1403	6	US-10-203-138A-2529	Sequence 2529, Ap	
C 10	57.4	4.3	1972	6	US-10-017-161-1981	Sequence 1981, Ap	
C 11	54.8	4.1	1231	6	US-10-017-161-2047	Sequence 2047, Ap	
C 12	54.2	4.1	3489	6	US-10-19A-046-1	Sequence 1, Appli	
C 13	53.6	4.0	1168	6	US-10-017-161-2179	Sequence 2179, Ap	
C 14	52.2	3.9	3434	5	US-09-962-191A-6	Sequence 6, Appli	
C 15	52.2	3.9	3434	5	US-09-962-191A-6	Sequence 6, Appli	
C 16	51.8	3.9	135259	6	US-10-240-425-1585	Sequence 1585, Ap	
C 17	51.8	3.9	135259	7	US-60-423-586-24	Sequence 24, Appl	
C 18	51.8	3.9	135259	7	US-60-427-194-24	Sequence 24, Appl	
C 19	50.6	3.8	574	6	US-10-203-138A-227	Sequence 227, App	
C 20	50.6	3.8	669	6	US-10-203-138A-5421	Sequence 5421, Ap	
C 21	50.6	3.8	38918	5	US-10-017-161-2049	Sequence 2049, Ap	
C 22	50.4	3.8	1141	5	US-09-806-708B-22	Sequence 22, Appl	
C 23	49.8	3.8	3882	6	US-10-144-771-3229	Sequence 3229, Ap	
C 24	48.6	3.7	1948	6	US-10-144-771-9222	Sequence 622, App	
C 25	48.4	3.7	815	6	US-10-144-771-29423	Sequence 29423, A	
C 26	48.4	3.7	21423	5	US-09-949-004-601	Sequence 601, App	


```
; TITLE OF INVENTION: HUMAN GENOME DISCOVERY SYSTEM AND USES THEREOF
; FILE REFERENCE: CL001321
; CURRENT APPLICATION NUMBER: US/10/144,771
; CURRENT FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 47235
; SEQ ID NO 4034
; LENGTH: 1188
; TYPE: DNA
; ORGANISM: HUMAN
US-10-144-771-4034

Query Match          4.8%; Score 63; DB 6; Length 1188;
Best Local Similarity 43.3%; Pred No. 1.1e-05;
Matches 294; Conservative 0; Mismatches 38; Indels 0; Gaps 0;

QY 57 AGCTGTTCCATGTCCTGATGAGTCAAGCTGATGATGATGAGTGGTGC 116
    ||||| || ||||| || ||||| ||||| ||||| ||||| |||||
Db 1100 AGCTGCTGCTGGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1041

QY 117 TGATCTTGGTACTTGGTTAAATGCGAGACCTAATTTTACTATAATGTTGGTGGCTGCTTA 176
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1040 TGCTCATGGAACCTGCTTCTGCTGGTGGTGGTGGTGGTGGTGGTGG 981

QY 177 AGGAGAAGCTAATGTTAAATTAACCTTTTCGACGAAATATGCTGTAGAGGTATATGTGT 236
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 980 TGCTCATGGAACCTGCTTCTGCTGGTGGTGGTGGTGGTGGTGGTGG 921

QY 237 ACCATGCCAAATAACAGAGTAGGCTCTTTACCAATGACAGTGTAGCTACTTACCTAGC 296
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 920 TGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 861

QY 297 CACATATGACGACTTAAATGCTACTGCACTGACCTGTGATGATGAGTGGTGGTGGTGGT 356
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 860 TGGTGGGTTGGTTCATGGAACCTGCTGCTGCTGCTGCTGCTGCTGCTG 801

QY 357 TTTTGTATAGATCAGCGGCATATGTTAAATGCAAACTAATTTTACTATAATGGTGG 416
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 800 TGCTGCTGGTGGTTCATGGAACCTGCTGCTGCTGCTGCTGCTGCTGCTG 741

QY 417 TTCTCTTAAAGTGAAGCTCTCGGCTTTAAAGTTTGGTGGTGGTGGTGGTGGTGGTGG 476
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 740 TGCTTCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 681

QY 477 TGTGCTGCGCTTACTAGTTAATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 536
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 680 TGGTCAAGGACTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 621

QY 537 CACTGCAAGTGCCTAAGCTAATTTAGCCACATAATGATGCAATTAATGCTCTACTGGCAC 596
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 620 TGGTGGTGGTTCATGGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 561

QY 597 TGTACTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 656
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 560 TGGTGGTGGTTCATGGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 501

QY 657 CAGACCTAACTTTTACTATAATGTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 716
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 500 TCATAGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 441

QY 717 TTTTGTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 735
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 440 TGCTGCTGCTGCAAGTGCC 422

RESULT 6
US-10-144-771-4707/c
; Sequence 4707, Application US/10144771
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig
; TITLE OF INVENTION: HUMAN GENOME DISCOVERY SYSTEM AND USES THEREOF
; FILE REFERENCE: CL001321
; CURRENT APPLICATION NUMBER: US/10/144,771
; CURRENT FILING DATE: 2002-05-15
```

```
; NUMBER OF SEQ ID NOS: 47235
; SEQ ID NO 4707
; LENGTH: 1954
; TYPE: DNA
; ORGANISM: HUMAN
US-10-144-771-4707

Query Match          4.6%; Score 61.6; DB 6; Length 1954;
Best Local Similarity 48.6%; Pred. No. 2.7e-05;
Matches 169; Conservative 0; Mismatches 179; Indels 0; Gaps 0;

QY 412 GGTGGTCTCTCTTAAGGTGAAGCTCCCTGGCGGTTTAAAGTTTGTGCTGCTGCTGCTGCTGCT 471
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 650 GGATTTTGTCCATTTGATTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 591

QY 472 GCAGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 531
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 590 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 531

QY 532 CCTGCCACTGCAGTGGCTTAAGCTAATTTAGCCACATAATGTTAGCAATTAATGTCCTACT 591
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 530 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 471

QY 592 GGCACCTGACTTGTATGATGAGTGCACACTGCTTTTAAATACATCAGCCACATTAATGTT 651
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 470 GGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 411

QY 652 AAATGACAGACCTAATTTTACTATAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 711
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 410 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 351

QY 712 TAAATTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 759
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 350 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 303

RESULT 7
US-10-203-138A-8573/c
; Sequence 8573, Application US/10203138A
; GENERAL INFORMATION:
; APPLICANT: Molecular Dynamics, Inc.
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; FILE OF INVENTION: ANALYSIS OF GENE EXPRESSION IN BT 474
; FILE REFERENCE: PB 0004 WO 8
; CURRENT APPLICATION NUMBER: US/10/203,138A
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 04 February 2000 (04.02.00)
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 26 May 2000 (26.05.00)
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 03 August 2000 (03.08.00)
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 03 October 2000 (03.10.00)
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 27 September 2000 (27.09.00)
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 21 September 2000 (21.09.00)
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 30 June 2000 (30.06.00)
; NUMBER OF SEQ ID NOS: 15438
; SOFTWARE: Molecular Dynamics Sequence Listing Engine
; SEQ ID NO 8573
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL035419.9
; FEATURE:
```

```
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.5
US-10-203-138A-8573

Query Match      4.5%; Score 59.6; DB 6; Length 439;
Best Local Similarity 50.0%; Pred. No. 5.7e-05;
Matches 205; Conservative 0; Mismatches 199; Indels 6; Gaps 2;

QY 352 GATGTTTTGATAGATCAGCGCATATGTTAAATGCAACCTTAACCTTTTACTATAAT 411
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 408 GCTGATGTTGATGCTGCTGATGTTGTTGATGTTGATGTTGCTGCTGATGATGAT 349

QY 412 GGTGGTCTCTTAAGTGAGCTCC---TGGCGTTTAAAGTTTTCCTGCTGCTGCC 468
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 348 GGTGGGGAATATGATGCTGATGCTGCCGATGTTGATGTTGATGATGATGATGATGAT 289

QY 469 GCTGCAGCTGCTGCTGCCGTTACTAGTTAATGTTACCTTGCACACTAAACAAACGAT 528
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 288 GCTGATGGTCTGATGCGCATGCTGCTGATGTTGATGTTGATGATGATGATGATGATGAT 229

QY 529 TCTCCTGCCACTGCAGTGCCTAAGCTAAATTTAGCCACATAATGTAGCAATTAATGTCT 588
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 228 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 169

QY 589 ACTGSCACTGCTACTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 648
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 168 GCTG---CTGACGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 112

QY 649 GTTAAATGACAGCTAACTTTTACTATATATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCT 708
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 111 AATAATGGTAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 52

QY 709 GTTAAAGTTTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 758
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 51 GATAATGATGGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2
```

```
RESULT 8
US-10-203-138A-7632
; Sequence 7632, Application US/10203138A
; GENERAL INFORMATION:
; APPLICANT: Molecular Dynamics, Inc.
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: ANALYSIS OF GENE EXPRESSION IN BT 474
; FILE REFERENCE: PB 0004 WO 8
; CURRENT APPLICATION NUMBER: US/10/203.138A
; PRIOR FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 04 February 2000 (04.02.00)
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 26 May 2000 (26.05.00)
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 03 August 2000 (03.08.00)
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 03 October 2000 (03.10.00)
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 27 September 2000 (27.09.00)
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 21 September 2000 (21.09.00)
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 30 June 2000 (30.06.00)
; NUMBER OF SEQ ID NOS: 15438
; SOFTWARE: Molecular Dynamics Sequence Listing Engine
; SEQ ID NO 7632
; LENGTH: 1075
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL078472.1
; FEATURE:
```

```
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 34
; FEATURE:
; OTHER INFORMATION: EST_HUMAN HIT: AV739739.1, EVALUE 1.00e+00
; FEATURE:
; OTHER INFORMATION: NT HIT: AL163201.2, EVALUE 2.00e-19
US-10-203-138A-7632

Query Match      4.4%; Score 58; DB 6; Length 1075;
Best Local Similarity 42.6%; Pred. No. 0.00017;
Matches 304; Conservative 0; Mismatches 410; Indels 0; Gaps 0;

QY 56 GAGCTGTTCCATGCTCCTGATGTTAGCTTACAGTCAAGCTGATGATGATGATGATGATGATGAT 115
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 287 GTATGTTAGTGTGATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 346

QY 116 CTGATCTTTGTTAGTCTGTTAAATTTGCAGACCTAAATTTTACTATAATGTTGTTGTTGTTGTT 175
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 347 GTGATGTTGTTAGTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 406

QY 176 AAGGAGAAGCTAATGTTAATTAACCTTTTCGACGCAAAATAATGCTGCTAGAGGTATATGCTG 235
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 407 CTGTTGATGTTGTTAGTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 466

QY 236 TACCATGCCAAATAAACAAGTAGGCTCTGTTACCAATGCCAGGTGACTTACTACTTTTAG 295
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 467 GTAGTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 526

QY 296 CCACATAATGCCAGTACTTAATGCTCTACTGTCACCTTGATGATGATGATGATGATGATGATGAT 355
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 527 GTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 586

QY 356 TTTTGTATAGATCAGCCGATTAATGTTTAAATGCAAAACCTTAACCTTTTACTATAATGTTGTT 415
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 587 GTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 646

QY 416 GTTCTCTTTAAGTGAAGCTCCTGCGCTTAAAGTTTTTGGCTGCTGCTGCTGCTGCTGCTGCTG 475
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 647 GTAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 706

QY 476 GTGTTGCTGCCGTTACTAGTTAATGTTACCTTGCCAACTAAACAAACCAATTCCTCCTG 535
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 707 GTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 766

QY 536 CCACATGCCAGTGCCTAAGCTAATTTAGCCACATTAATGTAGCAATTAATGTCTACTACTGCA 595
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 767 GTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 826

QY 596 CTGTACTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 655
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 827 GTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 886

QY 656 GCAGACCTTAACCTTTTACTATAATGTTGTTCTCCTTAAGGTGAAGCTCCTGCGGTTTAAAG 715
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 887 GTTGTGGTAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 946

QY 716 TTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 769
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 947 GTGATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 1000
```

```
RESULT 9
US-10-203-138A-2529
; Sequence 2529, Application US/10203138A
; GENERAL INFORMATION:
; APPLICANT: Molecular Dynamics, Inc.
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; TITLE OF INVENTION: ANALYSIS OF GENE EXPRESSION IN BT 474
; FILE REFERENCE: PB 0004 WO 8
; CURRENT APPLICATION NUMBER: US/10/203.138A
```

```

? CURRENT FILING DATE: 2002-08-02
? PRIOR APPLICATION NUMBER: US 60/180,312
? PRIOR FILING DATE: 04 February 2000 (04.02.00)
? PRIOR APPLICATION NUMBER: US 60/207,456
? PRIOR FILING DATE: 26 May 2000 (26.05.00)
? PRIOR APPLICATION NUMBER: US 09/632,366
? PRIOR FILING DATE: 03 August 2000 (03.08.00)
? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 03 October 2000 (03.10.00)
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 27 September 2000 (27.09.00)
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 21 September 2000 (21.09.00)
? PRIOR APPLICATION NUMBER: US 09/608,408
? PRIOR FILING DATE: 30 June 2000 (30.06.00)
? NUMBER OF SEQ ID NOS: 15438
? SOFTWARE: Molecular Dynamics Sequence Listing Engine
? SEQ ID NO 2529
? LENGTH: 1403
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? OTHER INFORMATION: MAP TO AL078472.1
? FEATURE:
? OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 34
? US-10-203-138A-2529

```

[illegible][illegible][illegible]

RESULT 13

US-10-017-161-2179
; Sequence 2179, Application US/10017161
; GENERAL INFORMATION:
; APPLICANT: SUWA, MAKIKO
; APPLICANT: ASAI, KIYOSHI
; APPLICANT: AKIYAMA, YUTAKA
; APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 084335/0152
; CURRENT APPLICATION NUMBER: US/10/017,161
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: JP 2001/246789
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 2430
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2179
; LENGTH: 1168
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: source
; LOCATION: (1)..(1168)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (201)..(968)
US-10-017-161-2179

Query Match 4.0%; Score 53.6; DB 6; Length 1168;
Best Local Similarity 44.5%; Pred. No. 0.002;
Matches 212; Conservative 0; Mismatches 264; Indels 0; Gaps 0;

Qy	72	TGATGGTACTTAGACCAAGCTGGATGACATGATGAGGTGGCTGATGCTGGTACTGTTGGTACTTGG	131
Db	268	TGATGGGTGGAGGACGATGGTGATGATGATGCTGGTGATGATGATGGTGATGATGAATGA	327
Qy	132	TGTTAATGGCAGACCTAAATTTTACTATATATGGTGGTGGCTTAAGGAGAGACGAATG	191
Db	328	TGGTGATGGTGATGATGGTGATGATGGTGATGATGATGGTGATGATGATGGTGATGG	387
Qy	192	TAATTAACCTTTCCGACCAATAATGCTGCTAGAGGTATATGTTACCATTGCCAAATAAA	251
Db	388	TGAGGATGGTGGTGATGATGGTGATGATGATGGTGATGATGATGATGATGATGATGA	447
Qy	252	CAGAGTAGGCTCTGTTACCAATGCAGGTGACTTAGCTACTTTAGCCACACATAATGCCAGTAC	311
Db	448	TGGTGGTCAGGATGATGGTGGTGATGATGGTGGTGAGGATGATGGTCAAGATGGTGGTGA	507
Qy	312	TTAATGTCCTACTGGCACTGCACCTTGATGATGGAGTGACAGATGTTTTCATAGATCAGC	371
Db	508	TGATGATGGTGATGATGATGGTGATGATGATGGTGAGGATGATGGTGATGATGATGG	567
Qy	372	CGCATAATGTTAAATGCAAACTAACTTTTACTATAATGGTGGTTCCTTAAAGGTGA	431
Db	568	TGGTGATGATGGTGGTGAGGATGATGGTGATGATAATGGTGGTGAGGATGATGGTGA	627
Qy	432	AGCTCTGGCGTTTAAAGTTTTCGTCGGTGGTGGCTGGCCGCTGCAGGTGCTGCCGTTAC	491
Db	628	TGATGATGATGCTGGTGATGATGATGGTGATGATGATGATGATGATGATGATGATGA	687
Qy	492	TAGTTAATGTTGACTTGGCAACTAAACAAAAGATTCCTCCGCCACTGCAGGTG	547
Db	688	TGGTGATGGTGATGATGGTGATGAGGATGATGGTGATGATGATGATGATGATGATG	743

RESULT 14

US-09-962-191A-6/c
; Sequence 6, Application US/09962191A
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua

; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Drmanac, Tom
; APPLICANT: Wehrman, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; FILE REFERENCE: 784CIP2D
; CURRENT APPLICATION NUMBER: US/09/962,191A
; CURRENT FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 6
; LENGTH: 3434
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (260)..(2506)
US-09-962-191A-6

Query Match 3.9%; Score 52.2; DB 5; Length 3434;
Best Local Similarity 47.4%; Pred. No. 0.0057;
Matches 156; Conservative 0; Mismatches 173; Indels 0; Gaps 0;

Qy	448	GTTTTTGTGCTGGTGGCTGCGCTGACAGGTGTGTGCTGCCGTACTAGTAAATGTTAGCT	507
Db	1040	GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTA	981
Qy	508	TGCCAACTAAACAAAAGATTCCTGCCACTGCAGGTGCTAAGCTAAATTAGCCACA	567
Db	980	TTGCGTGCAGCTGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	921
Qy	568	TAATGTAGCAATTAATGTCTACTGGCACTGTACTGTGATGATGGAGTGACACTTTGTTT	627
Db	920	TTAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTT	861
Qy	628	AATACATCAGCCACATTAATGTGTTAAATGCACAGCACTAATTTTACTATAATGGTGGT	687
Db	860	GCAACTGCTGCTGCATGGCACTCTCTGAGCCTGGAAGCTGCTGCTGCTGCTGCTGCT	801
Qy	688	CCTTAAGGTGAAGCTCCTGGCGTTTAAAGTTTTCGTTGCTGGTGGCTGCCGCTGAGT	747
Db	800	GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	741
Qy	748	GCTGCGTTTACTAGTTAATGTGTACTGTTG	776
Db	740	GCAGGCCCACTGCTGGAGCTGCAGCTGG	712

RESULT 15

US-09-962-191-6/c
; Sequence 6, Application US/09962191
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; FILE REFERENCE: Polyptides


```

; FILE REFERENCE: 784CIP2D
; CURRENT APPLICATION NUMBER: US/09/962,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 6
; LENGTH: 3434
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (260)..(2506)
US-09-962-191-6

```

```

Query Match      3.9%; Score 52.2; DB 5; Length 3434;
Best Local Similarity 47.4%; Pred. No. 0.0057;
Matches 156; Conservative 0; Mismatches 173; Indels 0; Gaps 0;

QY 448 GTTTTTCGCTGCTGCTGCCGCTGCAGGTGTTGCTGCCGTTACTAGTTAATGTGTACCT 507
Db 1040 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTA 981

QY 508 TGCCAACTAAACAAAACGATTCTCTGCCACTGCAGGTGCCCTAAGCTAATTTAGCCACA 567
Db 980 TTCGCTGCAGCTGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 921

QY 568 TAATGTAGCAANTTAATGTCCTACTGCGACTGTACTTTGATGATGGAGTGACACTTTGTTT 627
Db 920 TTAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTT 861

QY 628 AATACATCAGCCACATTATCTGTTAATGCAGACCTAACTTTTACTATTAATGGTGGTCT 687
Db 860 GGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 801

QY 688 CCTTAAGGTGAAGCTCCTGCGGTTTAAAGTTTTCGCTGCTGCTGCTGCCGCTGCAGGTGT 747
Db 800 GCTGCTGCTGCTAGCGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 741

QY 748 GCTGCCGTTACTAGTTAATGTGTACCTTG 776
Db 740 GCAGCCGCCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 712

```

Search completed: February 17, 2003, 01:52:06
Job time : 205.482 secs

